



IFW

2152/4/5

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/838,142	
	Filing Date	April 20, 2001	
	First Named Inventor	Raymond Suorsa	
	Art Unit	2152	
	Examiner Name	Victor D. Lesniewski	
Total Number of Pages in This Submission	19	Attorney Docket Number	PA3939US

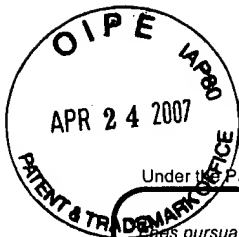
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	2) Form PTO/SB/08 (x2);
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3) Duplicate of Supplemental IDS;
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		4) 12 cited references.
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Remarks Total page number does not include postcard or non-patent references or check.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Carr & Ferrell LLP Cust. No. 22830		
Signature			
Printed name	Daniel C. Kioke		
Date	April 20, 2007	Reg. No.	58,417

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Daniel C. Kioke, Reg. No. 58,417	Date	April 20, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (01-06)

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Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

Complete if Known

Application Number	09/838,142
Filing Date	April 20, 2001
First Named Inventor	Raymond Suorsa
Examiner Name	Victor D. Lesniewski
Art Unit	2152
Attorney Docket No.	PA3939US

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 06-0600 Deposit Account Name: Carr & Ferrell LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
_____ - 20 or HP = _____	x _____	= _____	

Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
_____	_____	_____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
_____ - 3 or HP = _____	x _____	= _____	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement Filing Fee

180

SUBMITTED BY

Signature	<i>Daniel C. Kloeke</i>	Registration No. (Attorney/Agent) 58,417	Telephone 650.812.3400
Name (Print/Type)	Daniel C. Kloeke		Date April 20, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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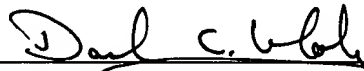
requested to make these references of official record in the application. The references cited may be material to examination of the application and is submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56. No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application.

Applicants have enclosed the applicable fee of \$180.00 with this submission, in accordance to C.F.R. § 1.17(p). If more fees are due, however, the Commissioner is hereby authorized to charge any necessary fees to Account Number 06-0600. A copy of this statement is submitted in duplicate for this purpose.

Respectfully submitted,
Raymond Suorsa et al.

Dated: April 20, 2007

By: _____



Daniel C. Kloke, Reg. No. 58,417
Carr & Ferrell LLP
2200 Geng Road
Palo Alto, CA 94303
TEL: (650) 812-3400
FAX: (650) 812-3444



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Raymond Suorsa et al.
APPLICATION NO.: 09/838,142
FILING DATE: April 20, 2001
TITLE: Automated Provisioning of Computing Networks Using a
Network Database Data Model
EXAMINER: Victor D. Lesniewski
ART UNIT: 2152
ATTY.DKT. NO.: PA3939US

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, Alexandria, VA 22313-1450, on the date printed below:

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

SIR:

Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in

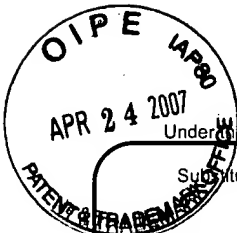
Patent Cases, enclosed herewith is form PTO/SB/08 listing several references. The Examiner is

04/24/2007 SSITHIB1 00000044 09838142

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/838,142
Filing Date	April 20, 2001
First Named Inventor	Raymond Suorsa
Art Unit	2152
Examiner Name	Victor D. Lesniewski
Attorney Docket Number	PA3939US

Sheet 1 of 6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 5175800	12-29-1992	Galis	
	B	US- 5249274	09-28-1993	Sztipanovits et al.	
	C	US- 5295244	03-15-1994	Dev	
	D	US- 5650994	07-22-1997	Daley	
	E	US- 5655081	08-05-1997	Bonnell et al.	
	F	US- 5742829	04-21-1998	Davis et al.	
	G	US- 5748896	05-05-1998	Daly	
	H	US- 5752042	05-12-1998	Cole et al.	
	I	US- 5781703	07-14-1998	Desai et al.	
	J	US- 5832503	11-03-1998	Malik et al.	
	K	US- 5835911	11-10-1998	Nakagawa et al.	
	L	US- 5838907	11-17-1998	Hansen	
	M	US- 5870751	02-09-1999	Trotter	
	N	US- 5872928	02-16-1999	Lewis	
	O	US- 5920567	07-06-1999	Saito et al.	
	P	US- 5944782	08-31-1999	Noble	
	Q	US- 5996010	11-30-1999	Leong et al.	
	R	US- 6009274	12-28-1999	Fletcher	
	S	US- 6021437	02-01-2000	Chen	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	WO9108542A	06-13-1991	Seer Technologies Inc.		
	2	WO9826548	06-18-1998	Whistle Communications		
	3	WO9847057	10-22-1998	R2K, LLC		
	4	WO9853397	11-26-1998	Symantec Corporation		
	5					
	6					

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**

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Sheet 2 of 6

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Application Number	09/838,142
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First Named Inventor	Raymond Suorsa
Art Unit	2152
Examiner Name	Victor D. Lesniewski
Attorney Docket Number	PA3939US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 6243396	06-05-2001	Somers	
	B	US- 6023464	02-08-2000	Woundy	
	C	US- 6029196	02-22-2000	Lenz	
	D	US- 6052720	04-18-2000	Traversat	
	E	US- 6088797	07-11-2000	Rosen	
	F	US- 6226788	05-01-2001	Schoening	
	G	US- 6098097	08-01-2000	Dean	
	H	US- 6108420	08-22-2000	Larose	
	I	US- 6123737	09-26-2000	Sadowsky	
	J	US- 6125388	09-26-2000	Reisman	
	K	US- 6128729	10-03-2000	Kimball	
	L	US- 6134593	10-17-2000	Alexander	
	M	US- 6138153	10-24-2000	Collins, III et al.	
	N	US- 6167358	12-26-2000	Othmer et al.	
	O	US- 6185466	02-06-2001	Nicewonger	
	P	US- 6192354	02-20-2001	Bigus	
	Q	US- 6202206	03-13-2001	Dean	
	R	US- 6226679	05-01-2001	Gupta	
	S	US- 6247049	06-12-2001	Scott	

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		Number-Kind Code ² (if known)			
	A	US- 6249883	06-19-2001	Cassidy	
	B	US- 6252858	06-26-2001	Inoue	
	C	US- 6259448	07-10-2001	McNally	
	D	US- 6304790	10-16-2001	Nakamura	
	E	US- 6266335	07-24-2001	Bhaskaran	
	F	US- 6286038	09-04-2001	Reichmeyer et al.	
	G	US- 6389464	05-14-2002	Krishnamurthy	
	H	US- 6286041	09-04-2001	Collins III	
	I	US- 6304549	10-16-2001	Srinivasan et al.	
	J	US- 6314565	11-06-2001	Kenner	
	K	US- 6330586	12-11-2001	Yates et al.	
	L	US- 6345239	02-05-2002	Bowman-Amuah	
	M	US- 6347398	02-12-2002	Parthasarathy	
	N	US- 6349306	02-19-2002	Malik	
	O	US- 6381628	04-30-2002	Hunt	
	P	US- 6389126	05-14-2002	Bjornberg et al.	
	Q	US- 6393386	05-21-2002	Zager	
	R	US- 6396810	05-28-2002	Hebel	
	S	US- 6411961	06-25-2002	Chen	

FOREIGN PATENT DOCUMENTS

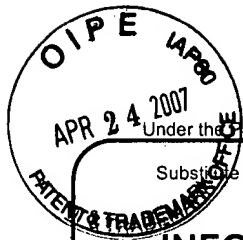
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	1					
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		Number-Kind Code ² (if known)			
	A	US- 6418555	07-09-2002	Mohammed	
	B	US- 6421719	07-16-2002	Lewis et al.	
	C	US- 6463528	10-08-2002	Rajakarunanayake et al.	
	D	US- 6502131	12-31-2002	Vaid	
	E	US- 6535227	05-18-2003	Fox et al.	
	F	US- 6516347	02-04-2003	Nakamura	
	G	US- 6546392	04-08-2003	Bahlmann	
	H	US- 6546553	04-08-2003	Hunt	
	I	US- 6577614	06-10-2003	Cook et al.	
	J	US- 6549944	04-15-2003	Weinberg	
	K	US- 6598090	07-22-2003	Champlin	
	L	US- 6604238	08-05-2003	Lim	
	M	US- 6618366	09-09-2003	Furukawa	
	N	US- 6633907	10-14-2003	Spencer	
	O	US- 6662221	12-09-2003	Gonda et al.	
	P	US- 6738908	05-18-2004	Bonn	
	Q	US- 6801949	10-05-2004	Bruck	
	R	US- 6728748	04-27-2004	Manigipudi	
	S	US- 6802061	10-05-2004	Parthasarathy et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	1					
	2					
	3					
	4					
	5					
	6					

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STATEMENT BY APPLICANT**

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Application Number	09/838,142
Filing Date	April 20, 2001
First Named Inventor	Raymond Suorsa
Art Unit	2152
Examiner Name	Victor D. Lesniewski
Attorney Docket Number	PA3939US

Sheet 5 of 6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A	US- 6816903	11-09-2004	Rakoshitz	
	B	US- 6826604	11-30-2004	Yamaguchi	
	C	US- 6834389	12-21-2004	Glass	
	D	US- 6880086	04-12-2005	Kidder et al.	
	E	US- 6983317	01-17-2006	Bishop	
	F	US- 7124289	10-17-2006	Suorsa	
	G	US- 2007/0037095	02-15-2007	JP	
	H	US- 2002/0010773	01-24-2002	Meleis	
	I	US- 2002/0035501	03-21-2002	Handel	
	J	US- 2002/0062334	03-23-2002	Chen et al.	
	K	US- 2002/0082818	06-27-2002	Ferguson et al.	
	L	US- 2002/0082820	06-27-2002	Ferguson et al.	
	M	US- 2002/0082821	06-27-2002	Ferguson et al.	
	N	US- 2002/0083146	06-27-2002	Ferguson et al.	
	O	US- 2002/0095522	07-18-2002	Hayko et al.	
	P	US- 2002/0143904	10-03-2002	Bair	
	Q	US- 2002/0154751	10-24-2002	Thompson et al.	
	R	US- 2005/0044544	02-24-2005	Slivka et al.	
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FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Oracle Intelligent Agent User's Guide", Oracle Corporation	
		AGGARWAL et al., "A flexible multicast routing protocol for group communication"	
		ANDERSON, "Towards a High-Level Machine Configuration System"	
		BREDIN, "Market-based Resource Control for Mobil Agents" 1998	
		PERKINS, "Mobile IP joins forces with AAA, IEEE"	
		PIDD et al. "Component-Based Simulation on the Web" Dec. 1999	
		RABINOVICH et al. "RaDaR: a scalable architecture for a global web hosting service"	
		YAN, "The SIFT Information Dissemination System" Dec. 1999	

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